

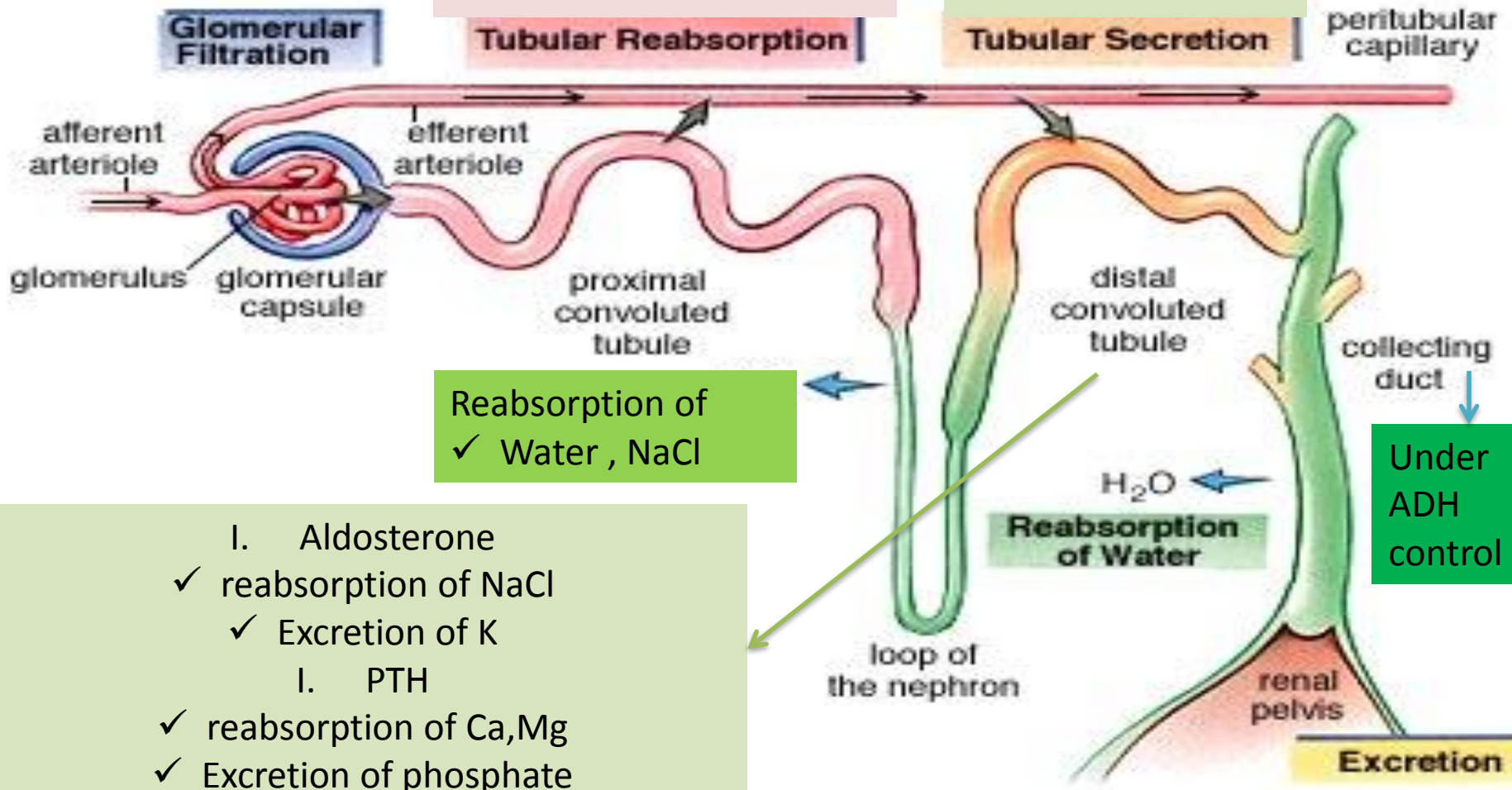
Reabsorption of:

- ✓ electrolytes(Na,Cl,K,HC O₃)
- ✓ glucose,
- ✓ amino acids, and other nutrients

According to their **renal threshold**

Secretion of :

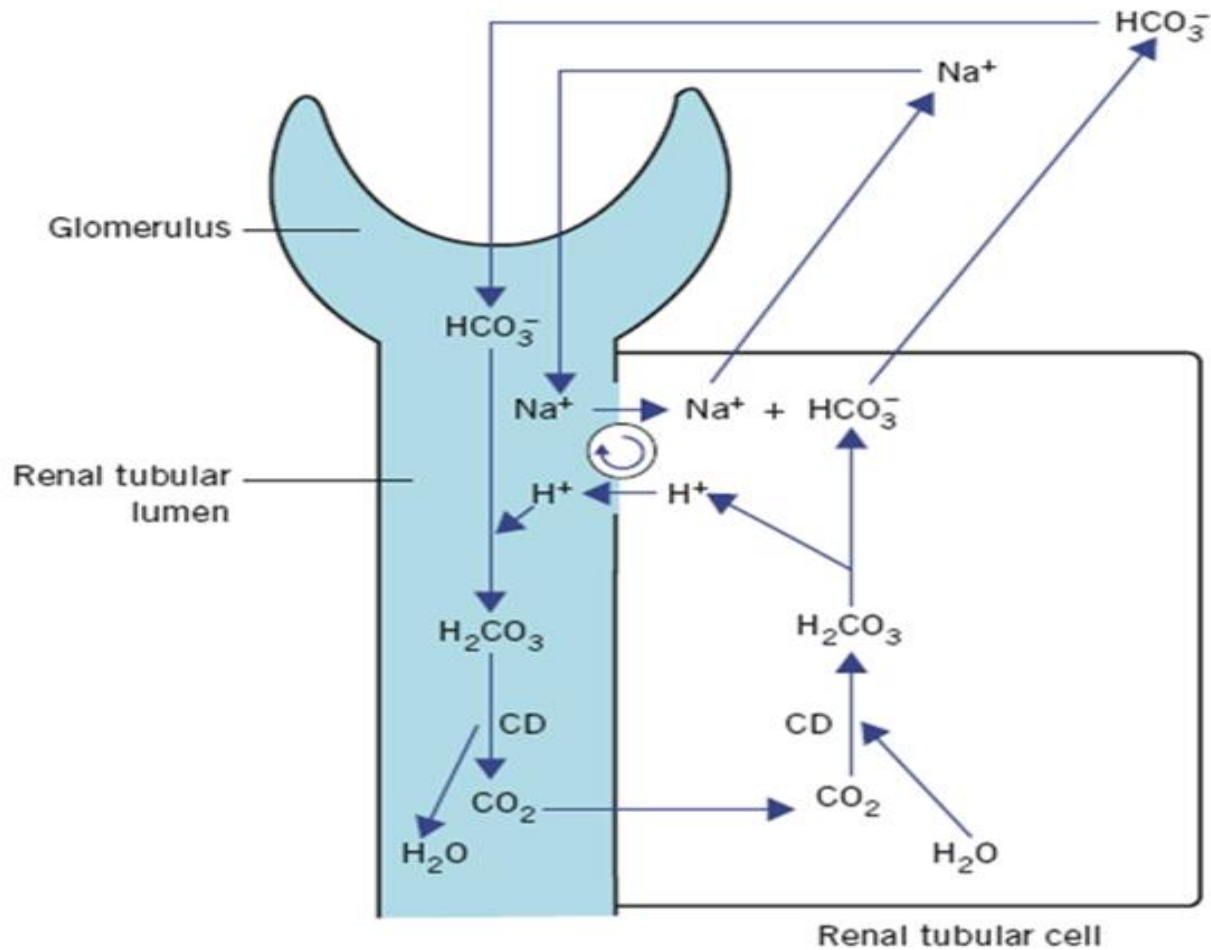
- ✓ Hydrogen ion
- ✓ Ammonium ion
- ✓ Waste product from metabolism



Reabsorption of
✓ Water , NaCl

- I. Aldosterone
 - ✓ reabsorption of NaCl
 - ✓ Excretion of K
- I. PTH
 - ✓ reabsorption of Ca,Mg
 - ✓ Excretion of phosphate

Under
ADH
control



Normal reabsorption of filtered bicarbonate from the renal tubules. CD, carbonate dehydratase.